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TO	Office of Petitions
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FAX NUMBER	15712738300
FROM	Scott Jaeger
DATE	2008-11-08 23:52:05 GMT
RE	09/815,646

COVER MESSAGE

Petition To Revive

Application No. 09/815,646
Art Unit 3626

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Claim Listing

Claims 1-7 (canceled)

Claim 8 (currently amended): A method for determining an overall level of confidence for medical clinical conclusion comprising the steps of:

- a. storing a plurality of medical clinical conclusions;
- b. storing a plurality of medical essential elements;
- c. ~~for each medical clinical conclusion, storing a plurality of membership functions, wherein each membership function associates a medical essential element with a medical clinical conclusion selecting at least one medical essential element from the plurality of medical essential elements and selecting one medical clinical conclusion from the plurality of medical clinical conclusions;~~
- d. generating a first confidence parameter representing a degree of relationship between ~~an~~the medical essential element and associated the medical clinical conclusion;
- e. ~~storing a plurality of impact parameters, wherein each generating a first impact parameter representing impact parameter associates a weight of a medical essential element pointing toward a medical clinical conclusion;~~
- f. ~~selecting at least one medical essential element from the plurality of medical elements and selecting the associated medical clinical conclusion;~~
- g. ~~generating a first impact parameter corresponding to the selected medical essential element and the selected medical clinical conclusion;~~
- [[h.]]f. generating a second impact parameter corresponding to the selected medical clinical conclusion;
- i. ~~generating a first confidence parameter corresponding to the selected medical essential element and the selected medical clinical conclusion;~~
- [[i.]]g. generating a second confidence parameter corresponding with the selected medical clinical conclusion; and
- [[j.]]h. generating an overall confidence parameter for the selected medical clinical conclusion as a ratio of a first product of the first impact parameter and the first confidence parameter to a second product of the second impact parameter and the second confidence parameter, ~~wherein the second product represents a best-case scenario for the medical clinical conclusion.~~